BEGA 56623.1

Pendant luminaire for indoor use

Project · Reference number

Date

Product data sheet

Application
Pendant luminaire · indoor luminaire with hand-blown opal glass and metal housing.
A focusing / dispersing lens bundles the powerful LED-light in the centre of the reflector for a direct proportion of downlight. At the same time, a proportion of the dispersed light is used to illuminate the luminaire glass.
The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description
Metal luminaire housing,
finish white enamel
Hand-blown opal glass, with screw neck
Additional focusing / dispersing lens made of partially frosted crystal glass
Reflector made of pure, high-gloss anodized aluminium
White flex suspension 5 × 0,75 □
with 1 steel messenger wire
Overall length of luminaire ~3000 mm
Connecting terminal 2.5□
Earth conductor connection
2 loose terminals for DALI
LED power supply unit
220-240 V ∿ 0/50-60 Hz
DALI controllable
A basic isolation exists between power cable and control line
Safety class I
CE – Conformity mark
Weight: 3.6 kg

Inrush current
Inrush current: 7 A / 26 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 27 luminaires
B 16 A: 43 luminaires
C 10 A: 45 luminaires
C 16 A: 73 luminaires

Light technique
Half beam angle 34°.
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT and IES-format you will find on the BEGA web page www.bega.com.

Lamp

Module connected wattage	25.3 W
Luminaire connected wattage	30 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 40 °C

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Module designation	LED-0327/830
Colour temperature	3000 K
Colour rendering index	R_a > 80
Module luminous flux	2950 lm
Luminaire luminous flux	1754 lm
Luminaire luminous efficiency	58,5 lm / W

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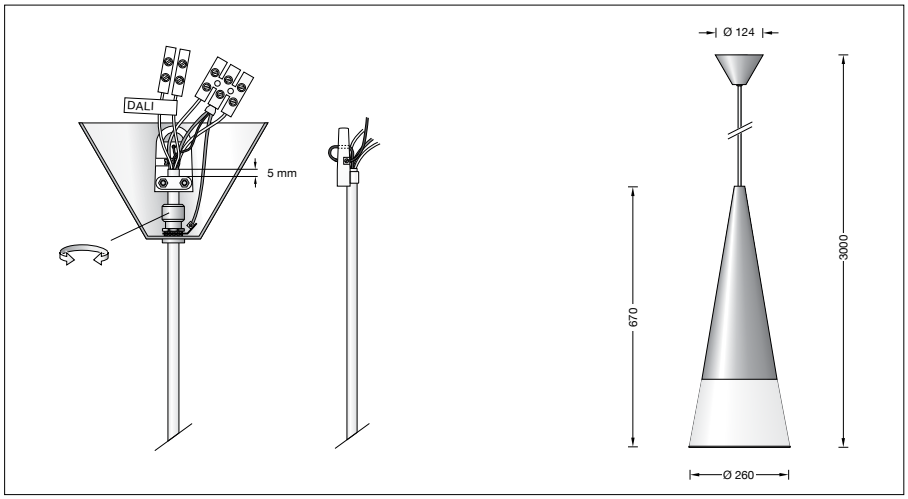
Module designation	LED-0327/840
Colour temperature	4000 K
Colour rendering index	R_a > 80
Module luminous flux	3165 lm
Luminaire luminous flux	1884 lm
Luminaire luminous efficiency	62,8 lm / W



Lifetime of the LED
Ambient temperature t_a = 15 °C
– at 50,000 h: L 90 B 10
– at > 500,000 h: L 70 B 50

Ambient temperature t_a = 25 °C
– at 50,000 h: L 90 B 10
– at 390,000 h: L 70 B 50

max. ambient temperature t_a = 40 °C
– at 50,000 h: L 90 B 10
– at 250,000 h: L 70 B 50

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LED colour temperature optionally 3000 K or 4000 K
3000 K – Article number
4000 K – Article number + **K4**

Finish options
- Enamel, white Code number **.1**
- Stainless steel Code number **.2**
- Polished aluminium Code number **.3**